

Petroleum and Water Systems Symposium II

Canadian Army
Tactical Operations Lessons Learned

The Land Staff / L'état-major de l'Armée de terre



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CURRENT OPERATIONS

OP PALLADIUM
SFOR - B-H

OP SNOW GOOSE
UN - Cyprus

OP DANACA
UN - Golan Heights

OP CALUMET
MFO - Sinai

OP APOLLO
Coalition - CAT

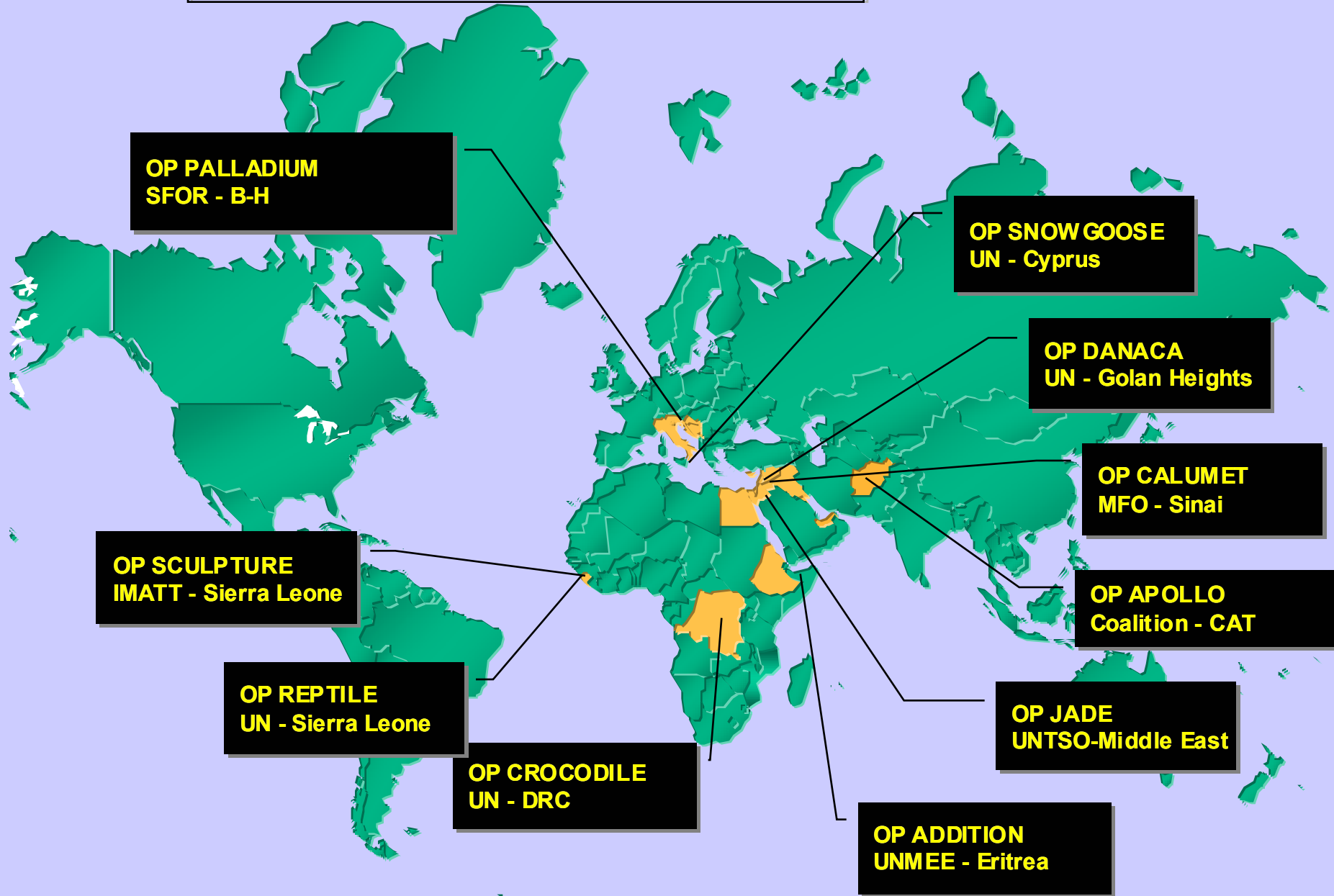
OP JADE
UNTSO-Middle East

OP ADDITION
UNMEE - Eritrea

OP CROCODILE
UN - DRC

OP REPTILE
UN - Sierra Leone

OP SCULPTURE
IMATT - Sierra Leone



Support to Commanders by CS and CSS Units

- Provision of potable water
- Provision of POL products
- Establishing and operating POL and water storage facilities
- Management of provisioning contracts
- Quality Control



Recent Operations

Lessons Learned

- Afghanistan
- Eritrea
- Kosovo
- East Timor
- Bosnia



Challenges

- Security of off site facilities
- Protection of critical supplies of water and petroleum stocks
- Reduction of Logistic effort to Support the Operation
- Water conservation and recycling
- Commercial host nation interface



Lessons Learned

- Must improve applications to reduce heat-cold effects on storage of water and POL products
- Must move towards a closed bladder system from open storage tanks for storage of water
- Most tactical systems are not environmentally compliant
- Single fuel objectives not fully realized



Lessons Learned

- Systems that worked well
 - ROWPU 5000 litres per hour single pass
 - Water Bag System 28 one litre bags per minute



ROWPU



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Water Bag System



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Questions

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